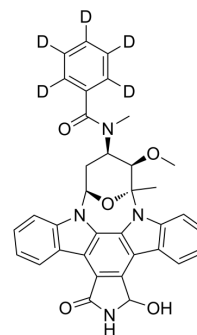


3-Hydroxy Midostaurin-d5

Cat. No.:	HY-108263S
Molecular Formula:	C ₃₅ H ₂₅ D ₅ N ₄ O ₅
Molecular Weight:	591.67
Target:	FLT3; Isotope-Labeled Compounds
Pathway:	Protein Tyrosine Kinase/RTK; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3-Hydroxy Midostaurin-D5 (CGP52421-D5) is a deuterium labeled 3-Hydroxy Midostaurin. 3-Hydroxy Midostaurin is a metabolite of PKC412, which effectively inhibits FMS-like tyrosine kinase-3 (FLT3) autophosphorylation with IC₅₀s of approximately 132 nM and 9.8 μM in culture medium and plasma, respectively^[1].

REFERENCES

[1]. Levis M, et al. Plasma inhibitory activity (PIA): a pharmacodynamic assay reveals insights into the basis for cytotoxic response to FLT3 inhibitors. *Blood*. 2006 Nov 15;108(10):3477-83.

Caution: Product has not been fully validated for medical applications. For research use only.

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